APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Lasers (Chapters I Thru III), by
N. G. Basov, V. S. Zuyev, et al, 39 pp.
RUSSIAN, per, Trudy Inst Fiz
Kolebaniyarnyye Generatory, An SSSR,
Vol XXI, 1963, pp 176-190, 9696995
FTD-TT-64-330

Sci-Phys
Jun 65

282,217

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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S-[illegible] (SC-30[illegible]).

On the Correlation of Seismic Scale, by G. P. Gorshkov, G. A. Shenkareva, 31 pp.

RUSSIAN, par, Trudy Inst Fiz Zemli, Ak Nauk SSSR. No 1(169), 1958, pp 41-54.

JPRS 3311

Sci - Geophys
Jun 60

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Shneerson, B. L.
THE STUDY OF THE GRAVITY FIELD OF SIBERIA
(Issledovanie Gravitatsionnogo Polya Sibiri)
Robert D. Hill, tr. Sep 63 [29p] 3refs ACIC TC-688.
Order from OTS, SLA, or ETC $2.60 TT-64-13364

Trans. of Akademiya Nauk SSSR. Institut Fiziki Zemli. Trudy, 1959, no. 4[171] p. 8-21.

DESCRIPTORS: *Geophysics, *Gravity, Gravity anomalies, Measurement, Siberia.

(Earth Sciences--Geodesy, TT, v. 11, no. 9)

TT-64-13364

I. Shneerson, B. L.
II. ACIC-TC-688
III. Aeronautical Chart and Information Center, St. Louis, Mo.

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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Approximate Recording Apparatus for Instrumental Observations of Epicenter Zones of Strong Earthquakes.
RUSSIAN, per, Trudy AN SSSR., Inst Fiz Zemli.,
No 19(186), 1961, pp 5-11.
*CFSTI TT 70-50122

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Sept 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Seismograph With Optical Recording of Strong and Destructive Earthquakes, by D. P. Kirnos.
RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Fiz Zemli., No 19(186), 1961, pp 25-36.
*CFSTI TT 70-50123

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AEC (UCRL-Trans-10500) PHYSICS OF THE EARTH'S CORE. Zharkov, V. N. Translated by V. N. Zharkov for Univ. of California Lawrence Radiation Lab., Livermore, from Tr. Inst. Fiz. Zemli, Akad. Nauk SSSR; No. 20, 3-50(1962). 119p. Dep. NTIS.

physics; translations 20

MN-34 P NSA

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Shel'ekhman, B. E.
SOUND DISCRIMINATION BY THE DEAF-MUTE CHILD PRACTICALLY DEPRIVED OF ALL HEARING (Analiz Zvuka Glukhonemym Rebenkom Prakticheski Lishennym Slukha). [1961] 7p. 10 refs.
Order from OTS or SLA $1.10 62-15318

Trans. of Akademiya Nauk SSSR. Fiziologicheskii Institut. Trudy, 1949, v. 4, p. 113-116.

DESCRIPTORS: *Children, *Deafness, *Pitch discrimination, *Speech disorders, Hearing.

Deaf-mute children with practically no hearing possess the ability to analyze sound stimuli perceived for the first time. This ability is demonstrated clearly when, with the assistance of appropriate aids, such children are exposed to speech stimuli within the limits of their hearing range. (V. Ya.)
(Biological Sciences--Physiology, TT, v. 6, no. 2)

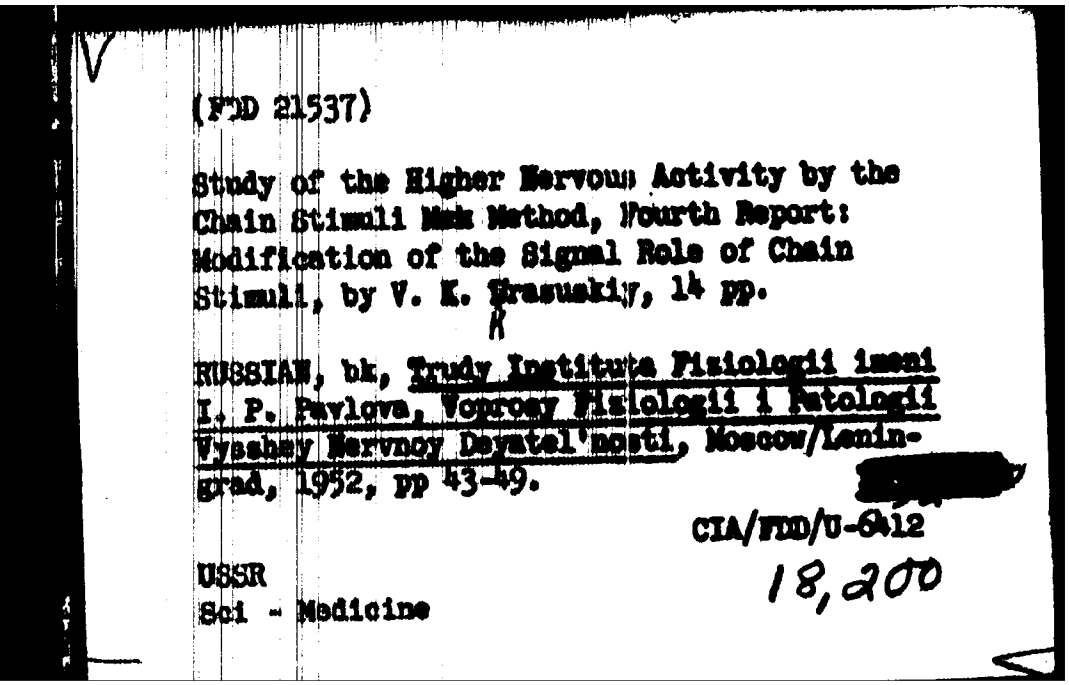
62-15318

1. Shel'ekhman, B. E.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7



(FDD 21537)

Study of the Higher Nervous Activity by the Chain Stimuli Mek Method, Fourth Report: Modification of the Signal Role of Chain Stimuli, by V. K. Krasuskiy, 14 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni I. P. Pavlova, Voprosy Fiziologii i Patologii Vysshey Nervnoy Deyatel'nosti, Moscow/Leningrad, 1952, pp 43-49.

[redacted]

CIA/FDD/U-6412

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Sci - Medicine

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

(FDD 21538)

Study of the Higher Nervous Activity by the Chain Stimuli Method, Fifth Report: Conditioned Responses to Chains of Stimuli With Regrouping of Components, by V. K. Krasuskiy, 23 pp.

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CIA/FDD/U-6406

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Sci - Medicine 18,421 [redacted]

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

(FDD 21539)

Conditioned Motor Reflexes to Time in Apes, by O. P. Bolotina, 17 pp.

RUSSIAN, bk, Trudy Instituta Fisiologii imeni I. P. Pavlova, Voprosy Fisiologii i Patologii Vysshey Nervnoy Deyatel'nosti, Moscow/Leningrad, 1952, pp 196-204.

CIA/FDD/U-6407

18-204

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

(FDD 21540)

Electric Reaction of the Auditory Area of the Cerebral Hemispheres During the Formation of a Conditioned Defense Reflex, by V. V. Artem'yev, [illegible] N. I. Bezladnova, 18 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni I. P. Pavlova, Voprosy Fiziologii i Patologii Vysshey Nervnoy Deyatel'nosti, Moscow/Leningrad, 1952, pp 228-236.

CIA/FDD/U-6408

USSR
Sci - Medicine

18,206

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

(FDD 21541)

Electric Reaction of the Auditory Area of the Cortex of the Hemispheres to a Sound Stimulus During Inhibition, by V. V. Artem'yev, 11 pp.

External

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USSR
Sci - Medicine

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Experimental SDudy of Pharmacological Agents in Sleep Therapy. Report I. Sleep-Inducing Effect of Barbamyl, Hedonal, Narcolan, Chloral Hydrate, Ethyl Alchol and the Combination of any Two of These Drugs, by N. S. Sofronov . RUSSIAN, per, Tr Inst Fiziol Pavlov, Vol 1, 1952, pp 243-250.
NIH 3-52-65 (Loan)

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(FDD 24265)

Soviet Research on Sleep Therapy, by N. S. Sofronov, 97 pp.

RUSSIAN, bk, Trudy Instituta Fiziol imeni I. P. Pavlova, No 1, Moscow/Leningrad, 1952, pp 243-258, 290-338, 345-355.

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USSR
Sci - Med., hypnosis, sleep therapy

29,974

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(FDD 21543)

Conditioned Reflexes to the Relation of Stimuli in Children of Early Age, by M. M. Kol'tsova, 11 pp.

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CIA/FDD/U-6411

USSR
Sci - Medicine

18,202

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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(FDD 21542)

Effect of Low-Frequency Electromagnetic Field on the Higher Nervous Activity, by F. P. Petrov, 14 pp.

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CIA/FDD/U-6410

USSR
Sci - Medicine

18,205

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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(USSR 20150)

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GUBERGRIT, M., Trudy Instituta Fiziol imeni I. P. Pavlova, Vol. III, Moscow/Leningrad, 1954, pp 5-16, 151-170, 193-208, 215-220.

CIA/FDD U-8502

58,094

USSR

Phil. - Medicine, physiology, pathology

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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(FDD 26467)

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CIA/FDD U-8699

35,924

USSR
801 - Medicine, physiology, pathology

Aug 56 CTS/DEx

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

(FDD 26368)

Selected Articles on the Physiology and Pathology of the Urinogenital System and Its Supportive Motor Apparatus, by G. N. Bochoridzvili, [illegible] 47 pp.

[illegible]ESTIAN, [illegible], Trudy Institutsa Fiziol. Imeni I. P. Pavlova, Vol III, Moskow/Leningrad, 1954, pp 506-530.

CIA/FDD U-5742

35,928

[illegible]DD

[illegible] - Medicine, physiology, pathology

[illegible] 56 (UR)/bkk

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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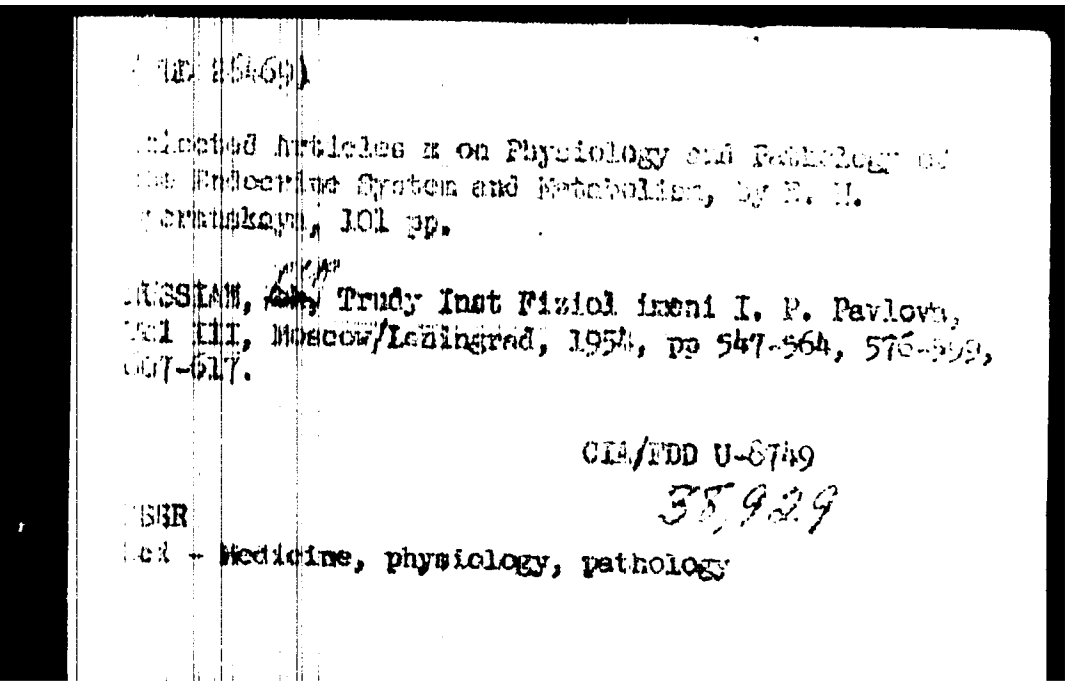

[illegible] 45469)

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CIA/TDD U-6749

35929

SBR

Cat - Medicine, physiology, pathology

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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Problem of Reflex Regulation of Milk Ejection,
by G. A. Tsakhayev. USCL

RUSSIAN, por, Trudy Inst Fiz Imeni I. P. Pavlova,
Vol IV, 1955, pp 5-15.

DSIR LUU RTS 1242

(30s. 01.) 102,510

Biol, Med, Physiology

Sci. -
Dec. 59

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Study of the Reflex of Milk Ejection in Goats With the Aid of Localised Cooling of the Spinal Cord, by G. M. Pavlov. UNCL

RUSSIAN, ger, Trudy Inst Fiz imeni I.P. Pavlova, Vol IV, 1955, pp 17-21.

DSIR LLU RTS 1243

(12s. 6d.) 102,511

Br 1 - Phys Med, physiology
Dec 59

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

[redacted] Regulation of the Tonus of [redacted]
of the Udder Cistern and of the [redacted]
Mammary Passages, by M. G. [redacted]

RUSSIAN, per, Trudy Inst Fiz [redacted]
Parkova, Vol IV, 1955, pp 34-50.

DSIR LIB KRS 18[illegible]

[redacted] (12. Pa. 6d.)

Sel. * Phys
Feb 60

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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Sensitivity of the Musculature of Ducts, Cisterns and the Teat Sphincter of a Cow's Udder to Nervous Stimuli and Pituitrin, by G. B. Tverskoy. USSR.

MYSHIAN, per, Trudy Inst Fiziol imeni I.P. Pavlova, Vol IV, 1955, pp 51-57.

DSIR LAU RDB 1246

(15e. Od.) 111,078

S/A - Med, Biol, physiology
Mar 60

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Study of the Functioning of the Ejection Mechanism in the Living Mammary Gland of a White Mouse, by E. S. Levitskaya. UKCL

FIZIOLOGIYA, per, Trudy Inst Fiziol imeni I.P. Pavlova, Vol. IV, No 4, 1955, pp 75-82.

DSIR LLU RTS 1247

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113037

Sci - Biol
Apr 60

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Effect of the Nervous System on Secretion and Ejection of Milk in the White Mouse, by I. N. Zubkova. USCL

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Sul - Biol
AMF 60

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

The Role of Pressure Fluctuations in the Cavity System of the Udder in the Stimulation of Milk Secretion, by G. B. Tverskoy.

RUSSIAN, per, Trudy Inst Fiz imeni I. P. Pavlova, Vol IV, 1955, pp 68-74.

DSIR LLU NNB 1249

Sci - Biol

Aug 60

122,521

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

The Rate of Milk Secretion, by G. B. Tverskoy, Kh. Dyusembin.

RUSSIAN, per, Trudy Instituta Fiziolog imeni I. P. Pavlova, Vol IV, 1955, pp 75-80.

DSIR LLU RTS 1250

Sci - Biol

Sep 60

1235, 550

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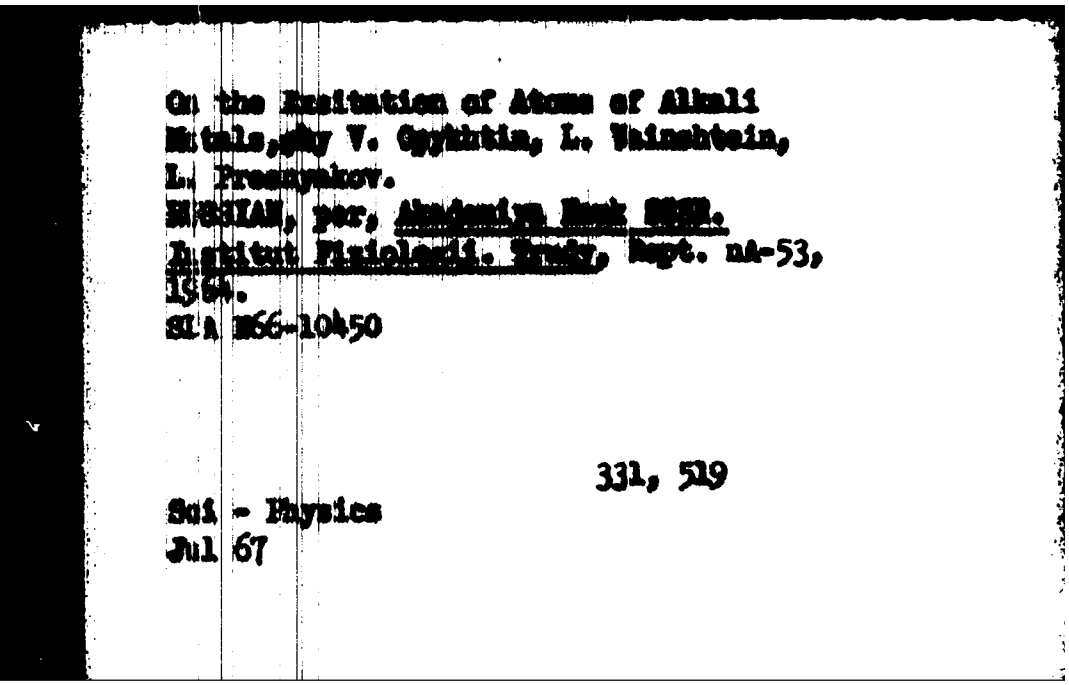

On the Excitation of Atoms of Alkali
Metals, by V. Oppokhin, L. Vainshtein,
L. Presnyakov.
[illegible], per, Akademiya Nauk SSSR.
Fizicheskiy Institut Fiziologii. Trudy, Dept. nA-53,
1964.
SLA 66-10450

331, 519

Sci - Physics
Jul 67

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Distribution of Fat and Casein in Consecutive Portions of Milk During a Single Milking of Cows, by V. N. Borsuk, M. G. Zaks.

RUSSIAN, per, Trudy Instituta Fiziolog imeni I. P. Pavlova, Vol IV, 1955, pp 81-92.

DSIR LLU RTS 1251

Sci - Chem

Oct 60

130,718

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Marchuk, P. M.
OBSERVATIONS ON THE WORKING OF A DIODE WITH A TUNGSTEN CATHODE IN VAPORS OF CESIUM AT LOW PRESSURE. [1962] 20p.
Order from K-H $25.00 K-H 10115

Trans. of [Akademiya Nauk SRSR, Kiev. Instytut Fizyky. Trudy, 1956, v. 7, p. 3-16].
Another trans. is available from LC and SLA ml$2.40, ph$3.30 as 60-18883 [1960] 13p.

DESCRIPTORS: *Diodes, *Cathodes (Electron tubes) Filiments, *Cesium, Vapors, *Tungsten, Electron tubes, *Magnetic fields.

For abstract see Technical Translation 5: 75, 1961.

(Engineering--Electronic, TT, v. 8, no. 5)

62-17510

I. Marchuk, P. M.
II. K-H-10115
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Borsuk, V. N. and Zaks, M. G.
CHARACTERISTICS OF THE PRODUCTION OF BUTTERFAT IN COWS GIVING MILK OF DIFFERENT BUTTERFAT CONTENT (Osobennosti Produktsii Molochnogo Zhira u Korov s Razlichnym Urovnem Zhirnomolochnosti). Jan 61 [14]p. 8 refs. RTS 1252. Order from LC or SLA ml$2.40, ph$3.30 61-15646

Trans. of [Akademiya Nauk SSSR], Institut Fiziologii. Trudy, 1955, v. 4, p. 93-102.

(Agriculture--Animal Husbandry, TT, v. 5, no. 8)

61-15646

1. Milk fat--Physiological factors
2. Milk--Secretion
I. Borsuk, V. N.
II. Zaks, M. G.
III. RTS-1252
IV. Department of Scientific and Industrial Research (Gt. Brit.)

151664

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Suleymanova, D. N.
EFFECT OF THE THYROID GLAND ON LACTATION (Vliyaniye Shchitovidnoy Zhelezy na Laktatsiyu).
Nov 60 [9]p. 2 refs. RTS 1253.
Order from LC or SLA mi$1.80, ph$1.80 61-15218

Trans. of [Akademiya Nauk SSSR]. Institut Fiziologii. Trudy, 1955, v. 4, p. 103-108.

148,729

(Agriculture--Animal Husbandry, TT, v. 5, no. 7)

61-15218

1. Thyroid hormones--Physiological effects
2. Milk--Secretion
I. Suleymanova, D. N.
II. RTS-1253
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Koborina, Ye. P.
STUDY OF THE EFFECT OF THE HORMONE OF THE THYROID GLAND ON PHYSICAL AND CHEMICAL PROPERTIES OF BUTTERFAT. PART I. EFFECT OF EXPERIMENTAL HYPER- AND HYPOTHYROIDISM ON THE SYNTHESIS OF BUTTERFAT (K Analizu Vliyaniya Gormona Shchitovidnoy Zhelezy na Fiziko-Khimicheskiye Svoystva Molochnogo Zhira. Soobshcheniye I. Vliyaniye Eksperimental'nogo Giper- i Gipotireoza na Protsessy Sinteza Molochnogo Zhira). Dec 60 [19]p. 9 refs. RTS 1254.
Order from LC or SLA ml$2.40, ph$3.30 61-15244

Trans. of [Akademiya Nauk SSSR]. Institut Fiziologii. Trudy, 1955, v. 4, p. 109-122.

(Food, TT, v. 5, no. 7)

61-15244

1. Thyroid hormones--Biochemical effects
2. Milk fat--Physiological factors
I. Koborina, Ye. P.
II. Title: Effect...
III. RTS-1254
IV. Department of Scientific and Industrial Research (Gt. Brit.)

148,734

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Kokorina, Ye. P.
STUDY OF THE EFFECT OF THE HORMONE OF THE THYROID GLAND ON PHYSICAL AND CHEMICAL PROPERTIES OF BUTTER-FAT. PART II. EFFECT OF AIR TEMPERATURE AND PHYSICAL STRESS ON PHYSICAL AND CHEMICAL PROPERTIES OF BUTTER-FAT (K Analizu Vliyaniya Hormona Shchitovidnoy Zhelezy na Fiziko-khimicheskiye Svoystva Molochnogo Zhira. Soobshcheniye II. Vliyaniye Temperatury Vozdukha i Fizicheskoy Nagruzki na Fiziko-khimicheskiye Svoystva Molochnogo Zhira). Jan 61, 15p. 13 refs. RTS 1255.
Order from LC or SLA mi$2.40, ph$3.30 61-15739

Trans. of [Akademiya Nauk SSSR]. Institut Fiziologii. Trudy, 1955, v. 4, p. 123-131.

(Food, TT, v. 5, no. 7)

61-15739

1. Milk fats--Physical factors
2. Thyroid hormones--Biochemical effects
I. Kokorina, Ye. P.
II. RTS-1255
III. Department of Scientific and Industrial Research (Gt. Brit.)

148,770

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Pavlov, G. N.
ON THE METHOD OF STUDYING THE NERVOUS REGULATION OF LACTATION (K Metodike Izucheniya Nervnoy Regulyatsii Laktatsii). Jan 61
[5]p. RTS 1256.
Order from LC or SLA mi$1.80, ph$1.80 61-15647

Trans. of [Akademiya Nauk SSSR], Institut Fiziologii Trudy, 1955, v. 4, p. 132-135.

151665

(Biological Sciences--Physiology, TT, v. 5, no. 8)

61-15647

1. Nervous system--Physiology
2. Milk--Secretion
3. Mammary glands--Physiology
I. , vlov, G. N.
II. RTS-1256
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Anatomical and Histological Study of the Innervation of the Udder in the Goat and Cow, by A. P. Elisayev, G. N. Pavlov.

RUSSIAN, per, Trudy Inst Fiz imeni I. P. Pavlova, Vol IV, 1955, pp 136-144.

NLL RTS 1257

Sci - Biol

180,063

Jan 62

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Borsuk, V. N.
EXCRETION OF POTASSIUM, SODIUM AND CHLORINE BY THE KIDNEYS OF LACTATING COWS AND GOATS (K Voprosu o Vodno-Solevom Obmene u Laktiruyushchikh Korov i Koz. Soobshchenive III. Vyvedeniye Kaliya i Natriya v Svyazi s Vyvedeniyem Khlora Pochkami Laktiruyushchikh Korov i Koz).
Pt. 3 of Problem of Water and Salt Metabolism in Lactating Cows and Goats. Mar 61 [6]p. 1 ref.
RTS 1258.
Order from LC or SLA mi$1.80, ph$1.80 61-19101

Trans. of [Akademiya Nauk SSSR] Institut Fiziologii. Trudy, 1958, v. 4, p. 213-216.

152042

(Biological Sciences--Physiology, TT, v. 5, no. 9)

61-19101

1. Kidneys--Physiology
2. Milk--Secretion
3. Alkali metals--Metabolism
4. Chlorine--Metabolism
I. Borsuk, V. N.
II. Title: Problem...
III. RTS-1258
IV. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Skvortsova, A. A.
EFFECT OF LACTATION ON BLOOD CIRCULATION, RESPIRATORY METABOLISM AND RESPIRATION IN COWS (Vliyanie Laktatsii na Krovoobrashchenie, Gazoobmen i Dykhanie u Korov). Aug 61 [19]p. 14 refs. RTS 1259.
Order from OTS or SLA $1.60 61-27781

Trans. of [Akademiya Nauk SSSR], Institut Fiziologii. Trudy, 1955, v. 4, p. 217-229.

DESCRIPTORS: *Blood circulation, *Metabolism, *Respiration, *Cattle, Production, Animal industry, Nutrition, Physiology, *Mammary glands, Reproductive system, Energy, *Milk, Agriculture.

Experiments with cows showed that a number of indices characterising the state of blood circulation, respiratory metabolism and respiration during different

(Biological Sciences--Physiology, TT, v. 6, no. 10)

61-27781

I. Skvortsova, A. A.
II. RTS-1259
III. Department of Scientific and Industrial Research (Gt. Brit.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Complex Method of Studying the Functions of Man's Taste Analyzer, by A. I. Vasil'yev, 17 pp.
RUSSIAN, per, Trudy Inst Fiziol, Ak Nauk SSSR, No 6, 1957, pp 172-182. PI00060366
FTD-TT-65-1915

Sci - Math Sci
Cat 06

312,887

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

(2154-N)

Conditioned Inhibition in Primates, by L. A. Firsov, 5 pp.

RUSSIAN, per, Trudy Institutes Fiziologii Imeni I. P. Pavlova, Vol VI, 1957, pp 470-476.

JPRS L-646-N

Sci - Med
Mar 59

82,645

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

The Effect of Diethylaminomethyl-Caffeine on Conditioned Reflex Activity in Dogs, by T. M. Kucherenko, 7 pp.

RUSSIAN, per, Trudy Instituta Fiziologii imeni I. P. Pavlova, Vol VIII, 1959, pp 421-425.

NIH 2-36-64 (Loan)
OTS TT-64-12751

Sci - Biol & Med
Apr 64

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Change in the Higher Nervous Activity in a Dog With Various Doses of Quietal (Noctal), by N. S. Sofronov, 9 pp.

RUSSIAN, Per, Trudy Instituta Fiziologii imeni I. P. Pavlova, Vol VIII, 1959, pp 426-432.

NIH 2-48-64 (Loan)

Sci - Biol & Med
Apr 64

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Changes in the Higher Nervous Activity in Dogs During Chronic Administration of Barbamyl, 12 pp.

RUSSIAN, per, Trudy Instituta Fiziologii imeni I. P. Pavlova, Vol VIII, 1959, pp 433-440.

NIH 2-47-64 (Loan)
OTS TT-64-12634

Sci - Biol & Med
Apr 64

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

On the Treatment of Patients With Presenile Psychosis, by Yu. G. Kozlov, 5 pp.

RUSSIAN, per, Trudy Instituta Fiziologii imeni I. P. Pavlova, No 8, 1959, pp 476-478.

NIH 12-40-68 (Loan)

Sci - Biol & Med
Feb 64

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Baranov, M. N.
THE METABOLISM OF CERTAIN PHOSPHORIC COMPOUNDS IN VARIOUS LAYERS OF THE BRAIN. [1962] [14]p. 6 refs.
Order from OTS or SLA $1.60 62-14731

Trans. of Akademiya Nauk SSSR. [Institut Fiziologii. Trudy] 1959, v. 8, p. 501-508.

DESCRIPTORS: *Metabolism, *Phosphorus compounds, *Brain, Cerebral cortex, Nerves, Cells (Biology).

In all areas of the cerebral cortex and cerebellum of rats a drop was observed in content and in the specific activity of macroergic compounds in proportion to distance from the surface of the brain. The layers of the cerebral cortex and the cortex of the cerebellum which are composed to a great extent of nerve cells structurally, differ from other layers with respect to

(Biological Sciences--Biochemistry, TT v. 8, no. 8)

(over)

62-14731

1. Baranov, M. N.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Vladimirov, G. E.
THE REFLECTION OF ENERGY AND PLASTIC METABOLISM IN THE RENEWAL OF BIOCHEMICAL SUBSTRATE OF THE NERVOUS TISSUES. [1963]
10p. 10 refs.
Order from OTS or SLA $1.10 63-16457

Trans. of Akademiya Nauk SSSR. Institut Fiziologii. Trudy, 1959, v. 8, p. 526-531.

DESCRIPTORS: Energy, Metabolism, Brain, *Tissues (Biology), *Tracer studies, *Cytochemistry, Biosynthesis.

By means of radioactive isotopes the rate of renewal (restoration or renovation) of a large number of chemical components of brain tissue was determined-the amino acid structure of proteins and glutathione, glucose residues of glycogen, the phosphate groups of

(Biological Sciences--Biochemistry, TT, v. 10, no. 8) (over)

63-16457

1. Vladimirov, G. E.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Problems of Physiology and Pathology of the Nervous System, by K. M. Bykov, Ye. Sh. Ayrapel'yants.

TRN RUSSIAN, per, Trudy Inst Fiziol Imeni I. P. Pavlova, Vol VIII, 1959, 631 pp.

*FTD-TT-63-651

Sci - Biol/Med Sci

Jun63

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Trudy Instituta Fiziologii imeni I. O. Pavlova,
Vol IX, 1960, 539 pp.

*PL-480
OTS 63-11172

Jan 63
Sci

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Yield of Radioluminescence of Organic Matters,
by Z. A. Zhishkova, 73 pp.

RUSSIAN, per, Trudy Fiz Institut Akad Nauk SSSR,
imeni P. N. Lebedeva, No 15, 1961, pp 178-229.

AEC-Tr-5377

Sci - Phys

Jun 63

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Calculation of Wave Functions and Oscillator Strengths of Complex Atoms, by L. A. Vainshtein. Part 1

RUSSIAN, [illegible], Trudy Ak Nauk SSSR, Fiz Inst, Vol XV, 1961.

CB

Sci - Phys

Jun 62

200,973

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

On the Broadening and Shift of Spectra Lines in the Plasma of a Gaseous Discharge, by M. A. Mazing. Part 2

RUSSIAN, bk, Trudy Ak Nauk SSSR, Fiz Inst, Vol XV, 1961.

CB

Sci - Fiz, s

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200,974

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

On Spectral Excitation in a Spark Discharge, by N. K. Sukhodrev. Part 3

RUSSIAN, Ak, Trudy Ak Nauk SSSR, Fiz Inst, Vol XV, 1961.

CB

Sci - Phys

200,975

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

The Development of Transmarginal Inhibition With Increasing Cortical Excitability Under the Effect of Phenamine, by L. O. Zeval'd.
RUSSIAN, per, Akad Nauk SSSR, Trudy Instituta Fiz Imen. I. P. Pavlova, No 6, 1957, pp 254-259.
NIH 11-78-64
(Loan)

Sci-B&M
Aug 65 286,209

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Study Of the Electro-chemical Corrosion Of Magnesium by N.D.Tomashov and others.

RUSSIAN, per., Trudy Akademiya Nauk S.S.S.R. Institut Fizicheskoi Khimii, Vol IV, 1955, pp 172-197.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

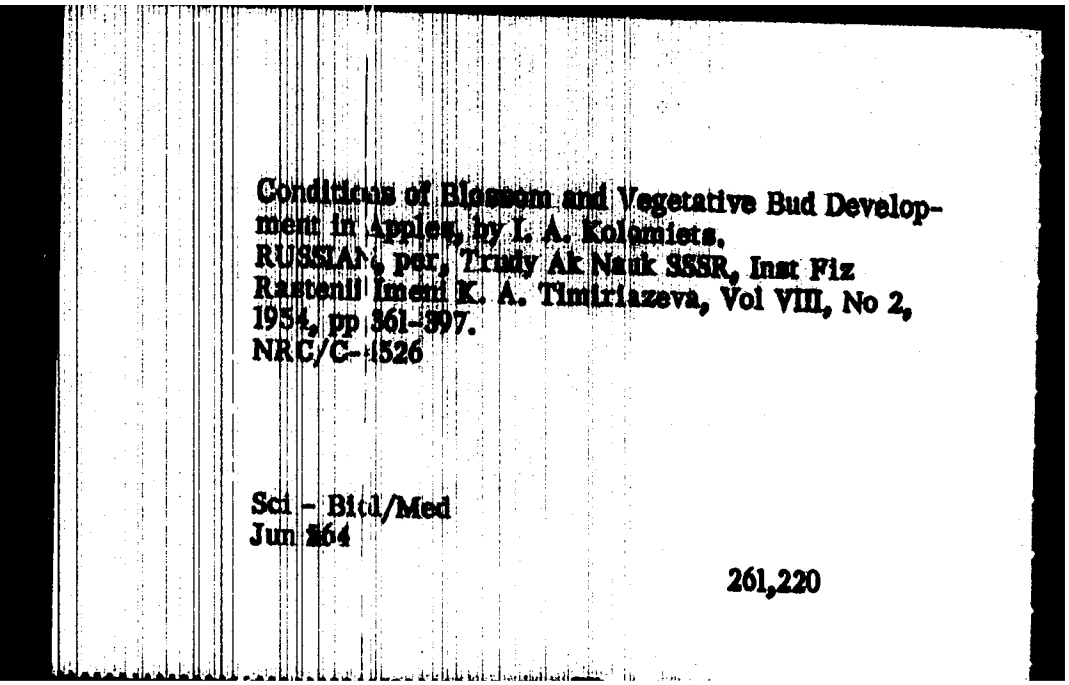
Concerning the Question of Methods of Reducing the Grain Size of Cast Alloy Steel by Thermal Treatment by V. D. Sadovskii
RUSSIAN, per, Tr. Inst. Fiz. Metallov. Uralsk Fil. AN SSSR, No 17, 1956, pp 3-19.
NLL Ref: 5:07 (1256)

Sci-Mechanical
July 68

361,018

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7



Conditions of Blossom and Vegetative Bud Development in Apples, by L. A. Kolomiets.
RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Fiz Rastenii imeni K. A. Timiriazeva, Vol VIII, No 2, 1954, pp 361-397.
NRC/C-1526

Sci - Biol/Med
Jun 264

261,220

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Influence of CO_2 Concentration on Photosynthesis and Yield, by V. A. Chesnokov, 13 pp.

RUSSIAN, per, Trudy Inst Fiziol Rastenij imeni K. A. Timiryazeva, Ak Nauk SSSR, Vol X, 1955, pp 81-90.

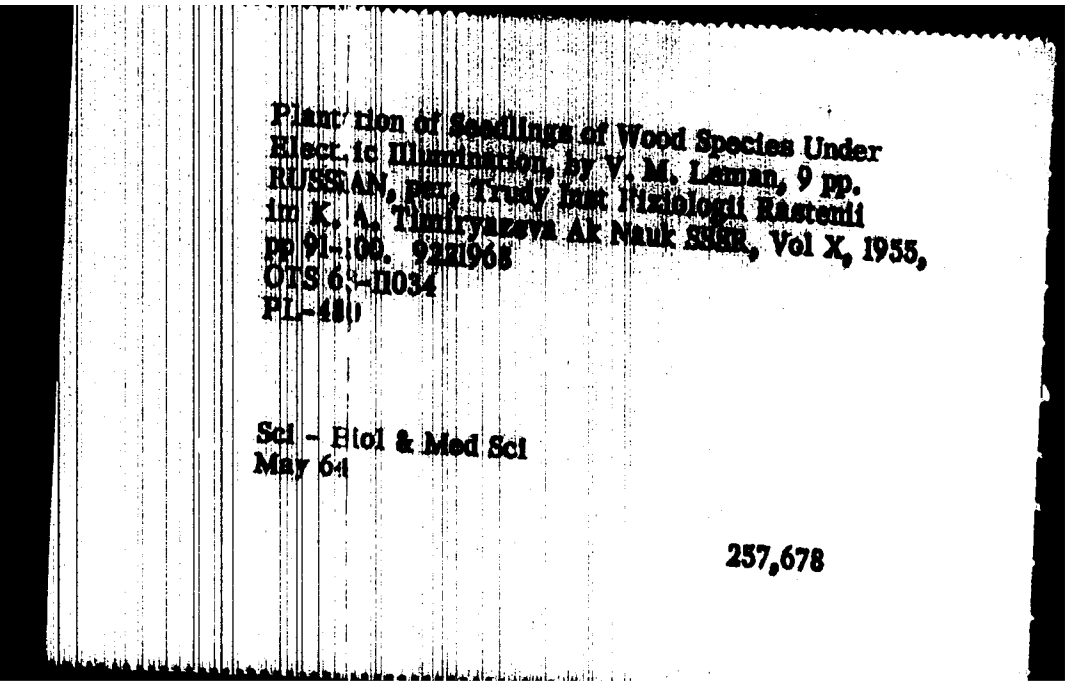
SLA R-1363

May 58

64,608

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7



Plant ion of Seedlings of Wood Species Under
Elect.ic Illumination, by V. M. Laman, 9 pp.
RUSSIAN, Per. Trudy Inst Fiziologii Rastenii
im K. A. Timiryazeva Ak Nauk SSSR, Vol X, 1955,
pp 91-100. 922965
OTS 61-11034
PL-481

Sci - Biol & Med Sci
May 61

257,678

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Influence of Spectral Composition of Light on the Intensity of Photosynthesis, by N. P. Voskresenskaya, 12 pp.

RUSSIAN, per, Trudy Inst Fiziol Rastenii im K. A. Timiryazeva, AN Nauk SSSR, Vol X, 1955, pp 129-138.

SLA Tr R-1364

Sci

Jun 58

65,863

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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Assimilation of Carbon Dioxide by Plants Through the Root System, by A. L. Kursanov.

RUSSIAN, per, Trudy Inst Fiziol Rast, Ak Nauk SSSR, imeni K. A. Timiriazeva, No 10, 1955, pp 150-155. CIA 901052).

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Sci - Biology
Jul 57

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Soil Respiration as a Carbon Source for Plant Nutrition, by B. N. Makarov, 6 pp.

RUSSIAN, per, Trudy Inst Fiziol Rastenii im K. A. Timiryazeva, Akad Nauk SSSR, Vol X, 1955, pp 156-160.

SLA Tr R-1365

Sci

Jun 58

65,833

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Methods of Calculation and Study of Photosynthesis as a Factor of Productivity, by A. A. Nichiporovich, 42 pp.

RUSSIAN, per, Trudy Inst. Fiziol Rastenii im K. A. Timiryazeva, Ak Nauk SSSR, Vol X, 1955, pp 210-249.

SLA Tr R-1366

Sci

Jun 58

65, 834

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

A Photoelectric Device for Measuring Photosynthetically Active Radiation, by L. N. Bell, 8 pp.

RUSSIAN, per, Trudy Inst Fiziol Rastenii imeni K. A. Timiryazeva, AN Nauk SSSR, Vol X, 1955, pp 257-264.

SLA R-1367

May 58

64,599

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Methods and Units of Calculation of Radiant Energy in Plant Physiology, by A. A. Nichiporovich, 7 pp.

RUSSIAN, per. Trudy Inst. Fiziol Rastenii im K. A. Timiryazeva, Ak Nauk SSSR, Vol X, 1955, pp 265-271.

SLA Tr R-1368

Sci

Jun 58

65,835

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

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The State of Chlorophyll in Leaves of Green Plants, by D. I. Sapozhnikov, T. G. Maslova, 19 pp.

RUSSIAN, per., Trudy Inst Fiziol Rastenii im K. A. Timiryazeva, Ak Nauk SSSR, Vol XI, 1956, pp 97-115.

SLA Tr R-1362

Sci

Jun 58

65,843

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

The Winter Transpiration of Shoots of Young Oaks in Relation to Their Winter-Hardiness, by V. M. Ipekdzijan.

RUSSIAN, pe[illegible], Fiziol Rast, Vol II, No 4, 1955, pp 373-377. Trudy, Inst Fiz Rastenii im K. A. Timiryazeva Akademii Nauk SSSR, No 1209, Vol XVIII, 1954.

*PL-480

Sci -
Aug 63

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

The Effect of Gibberellic Acid on the Growth and on Auxin Metabolism in Explained Culture Grown in Different Illuminations, by
R. G. Butenko, et al,
RUSSIAN, pur, Trudy Institute Fiziologiy Rastenii Im K. A. Timiryazeva, 1963, pp 127-133.
MLL RTS 2618 (On Loan or Purchase)

Sci-RAM
Mar 67

321,447

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

13 276

Ca-1

BORISOV M. D.

Absorption and reflection of light in crystals of anthracene and naphtacene

Trudy Inst. Fiz. Akad. Nauk Ukr. SSR, No. 4, 102-114 (1953)

TT 613 - English

Euratom

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

tp 10

US-1

M. F. DEIGEN

Magnetic properties of metal-NH_3 solutions and the equilibrium concentration of local centers in the dielectrics

Trudy Inst. Fiz. Akad. Nauk Ukr. SSR, 5, 105-118 (1954)
University of Michigan

English

Euratom

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

tp 14

US-1

M. F. DEIGEN

The theory of the optical properties and of the electrical conductivity of metal-ammonia solutions

Trudy Inst. Fiz. Akad. Nauk Ukr. SSR., 5, 119-136 (1954)
University of Michigan

English

Euratom

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

PROBLEMS OF PHYSIOLOGY OF HIGHER NERVOUS ACTIVITY AND OF THE NERVOUS SYSTEM (Voprosy Fiziologii Vysshei Nervnoi Deyatel'nosti i Fiziologii Nervnoi Sistemy) tr. by Y. S. Halpern. 1963, 432p. PL-480 HEW.
Order from OTS $4.50 63-11173

Trans. of Akademiya Nauk SSSR. Institut Fiziologii. Trudy, 1962, v. 10.
**Another trans. of p. 294-302 is available from OTS or SLA $1.60 as 63-20360 [1962] [15]p.

DESCRIPTORS: Physiology, Brain, Cerebral cortex, *Nervous system, *Conditioned reflex, *Motor reactions, *Mental diseases, *Neuroses, *Caffeine, *Hypnosis, *Electroencephalography, *Bioelectronics, *Neuromuscular transmission, Hypertension, Primates, (Biological Sciences--Physiology, TT, v. 10, no. 8)
(over)

63-11173

I. PL-480 HEW (63-11173)
II. National Science Foundation, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7

Gordon, B. G.
THE EFFECT OF CERTAIN SUBSTANCES ON THE AMMONIA CONTENT AND GLUTAMINE CONTENT IN THE BRAIN DURING DISTURBANCES OF LIVER ACTIVITY. [1962] [15]p. 8 refs.
Order from OTS or SLA $1.60 62-20360

Trans. of [Akademiya Nauk SSSR]. Institut Fiziologii. Trudy, 1962, v. 10, p. 294-302.

DESCRIPTORS: Toxicity, Inhibition, *Ammonia, *Brain, *Liver, *Carbon tetrachloride, *Poisoning, *Drugs, Glutamine, Urethanes, Procaine, Calcium compounds, Vitamin B complex, Ascorbic acid, Vitamin P.

Introduction of urethane into the system appears to have an unfavorable effect on the organism of rats during CCl_4 poisoning, reducing its power to survive. (Biological Sciences--Pathology, TT, v. 9, no. 10)
(over)

62-20360

I. Gordon, B. G.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100036-7